

FIG. 1A

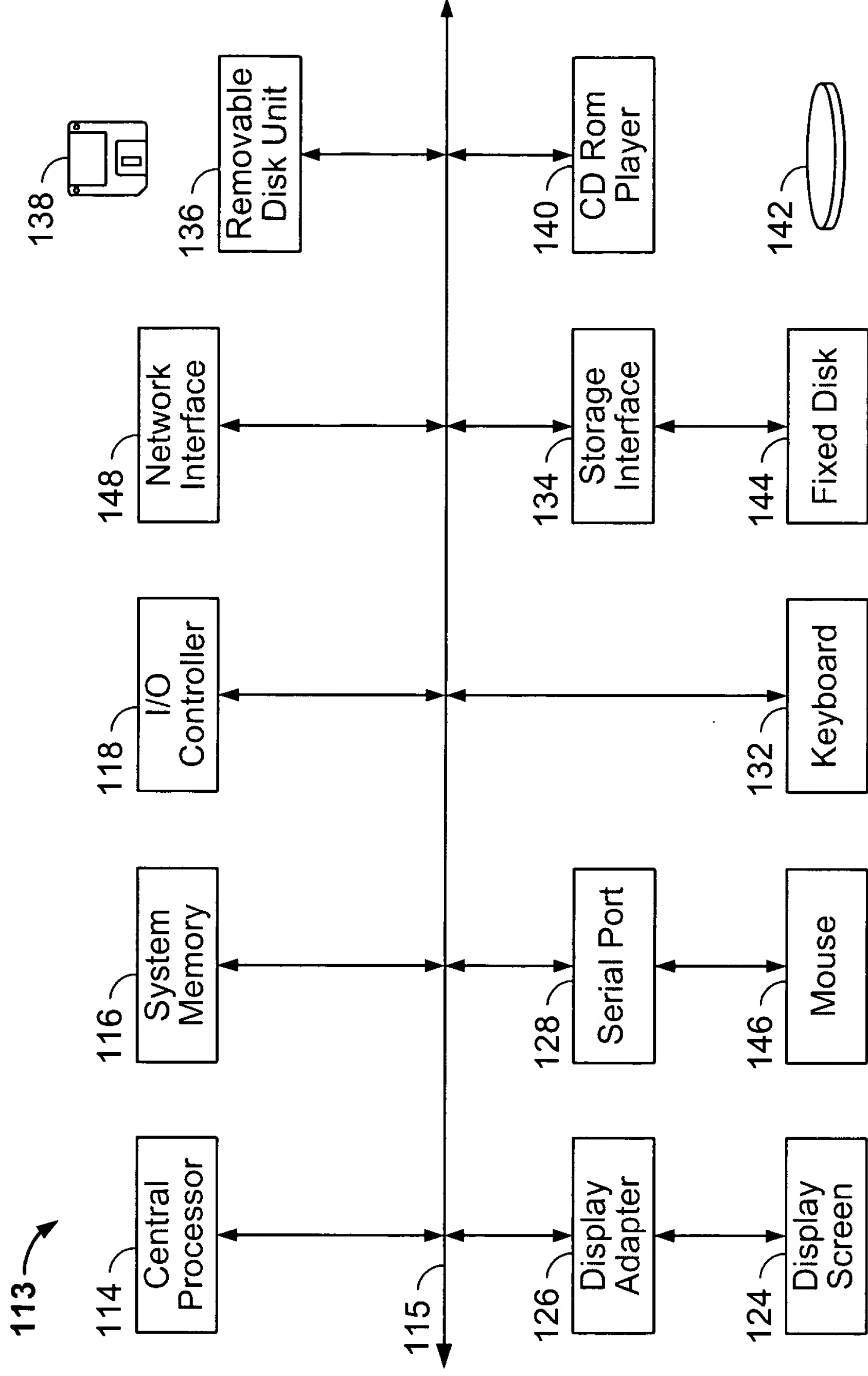


FIG. 1B

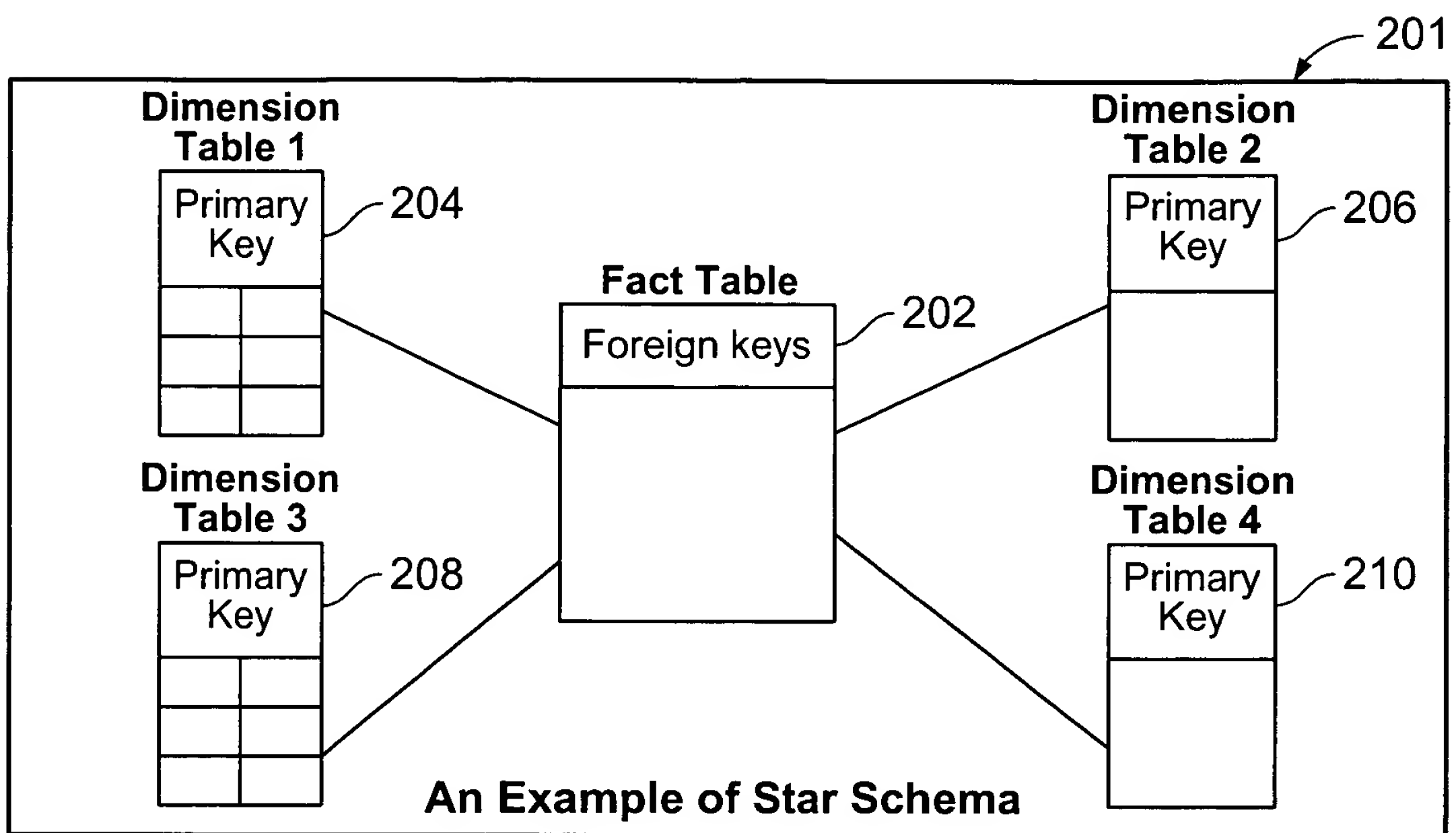


FIG. 2A

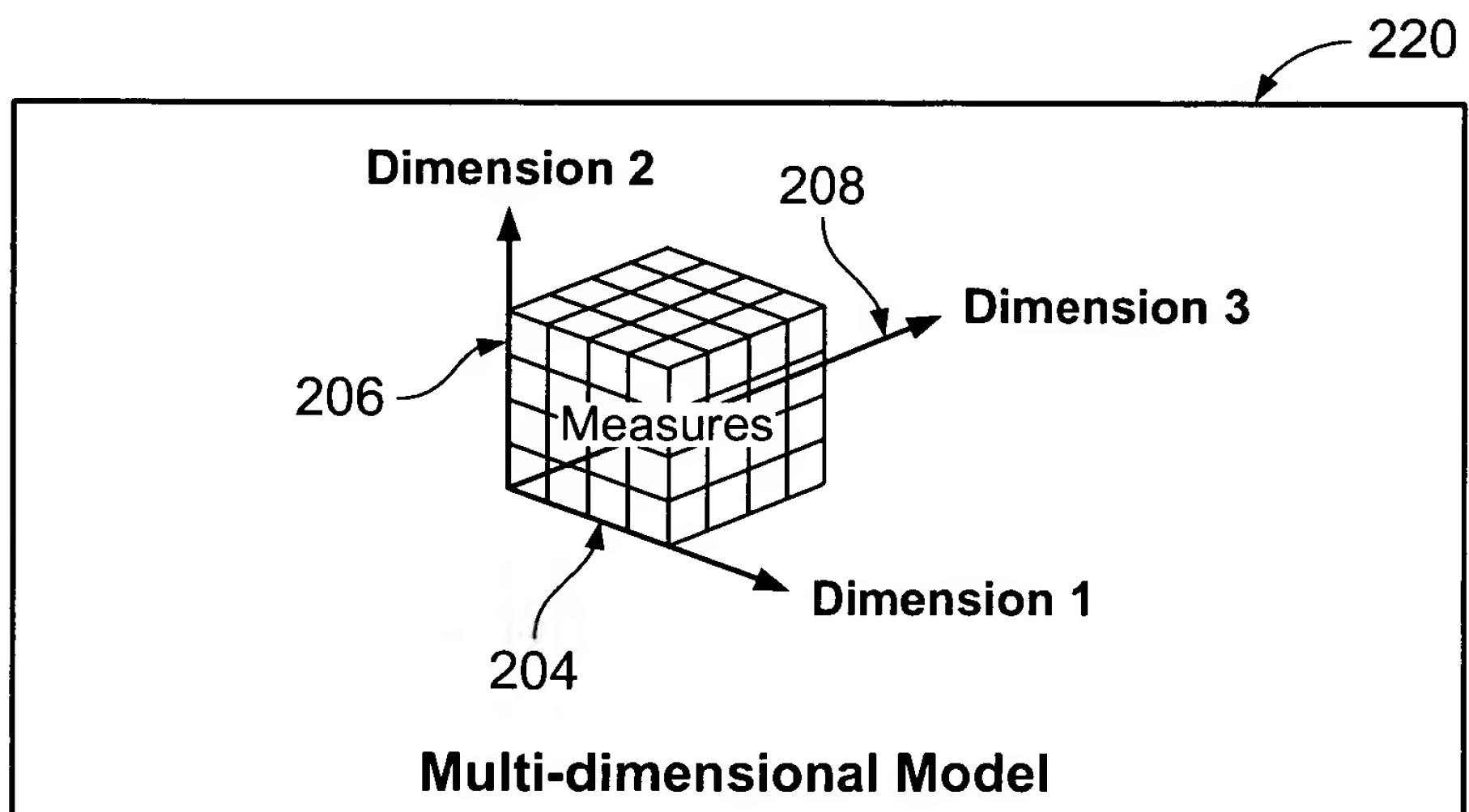


FIG. 2B

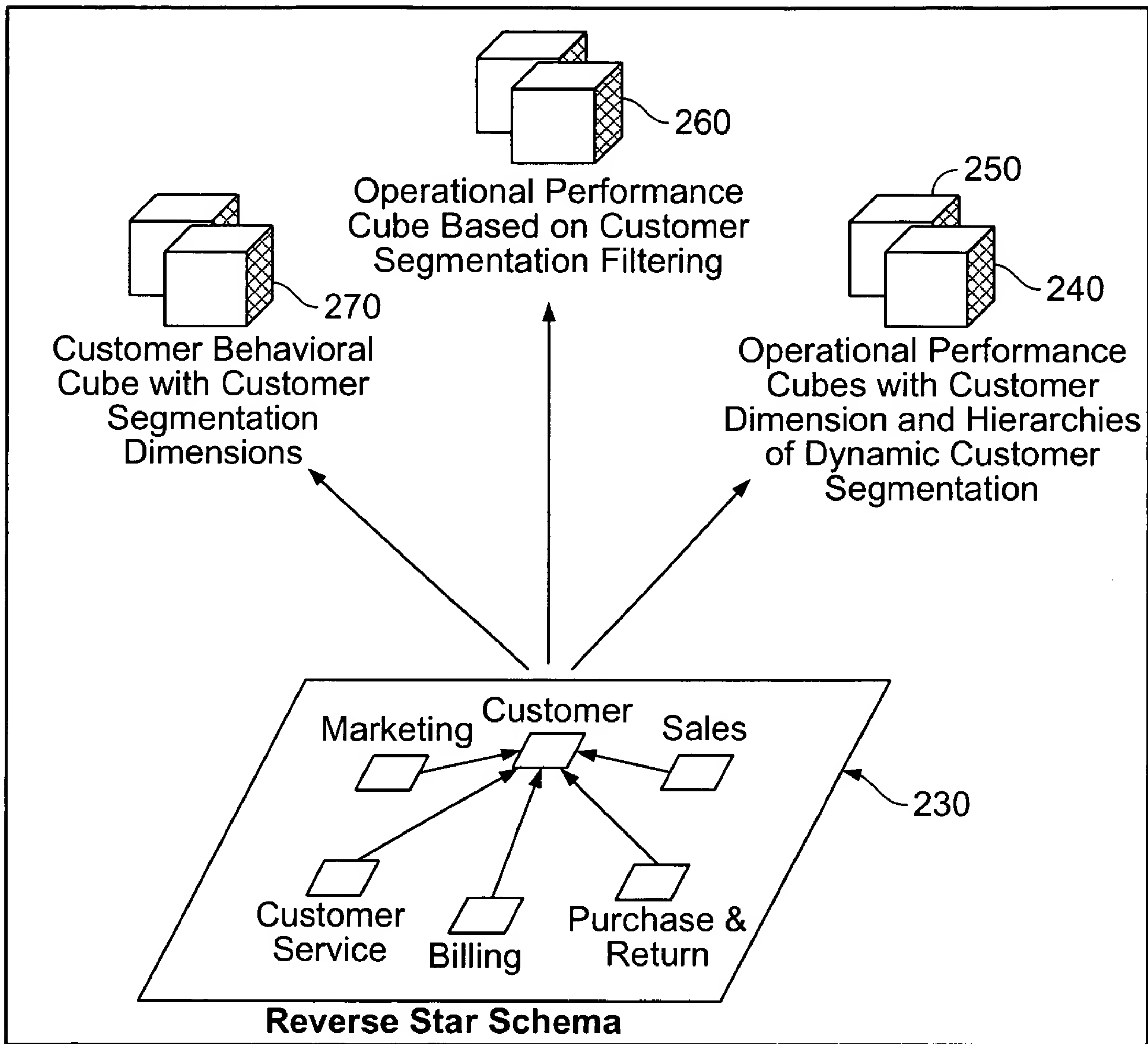


FIG. 2C

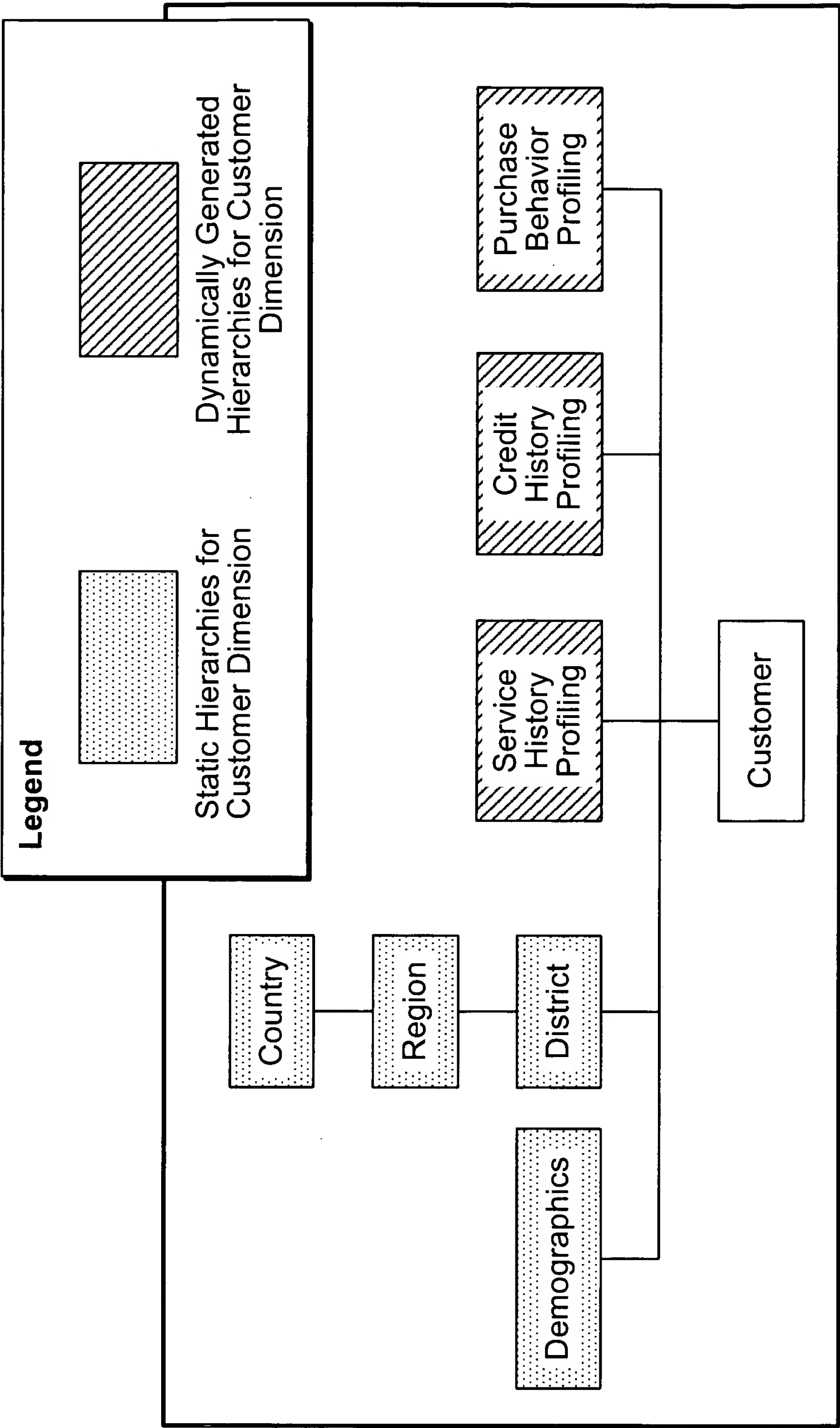


FIG. 2D

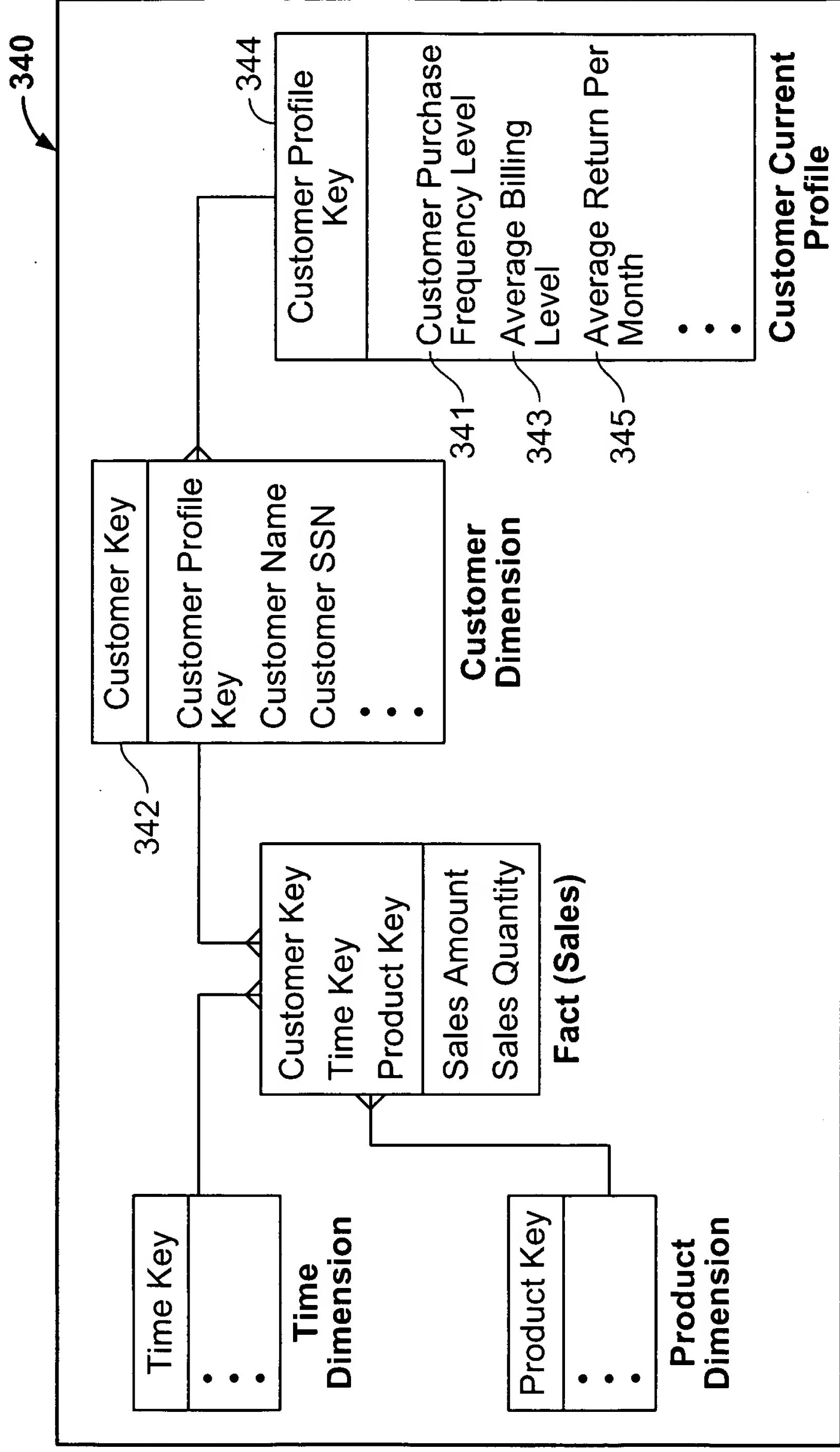


FIG. 3A

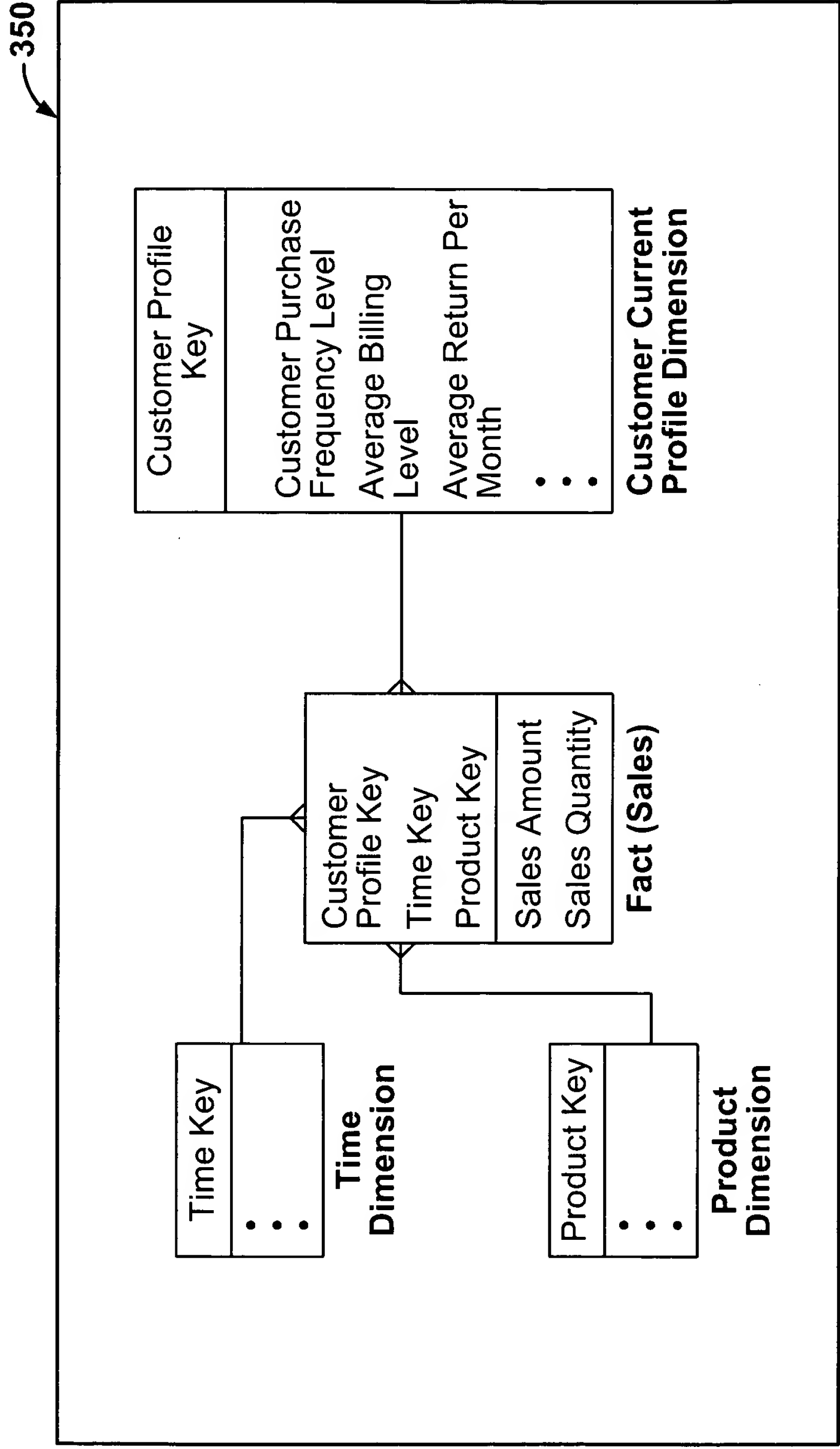


FIG. 3B

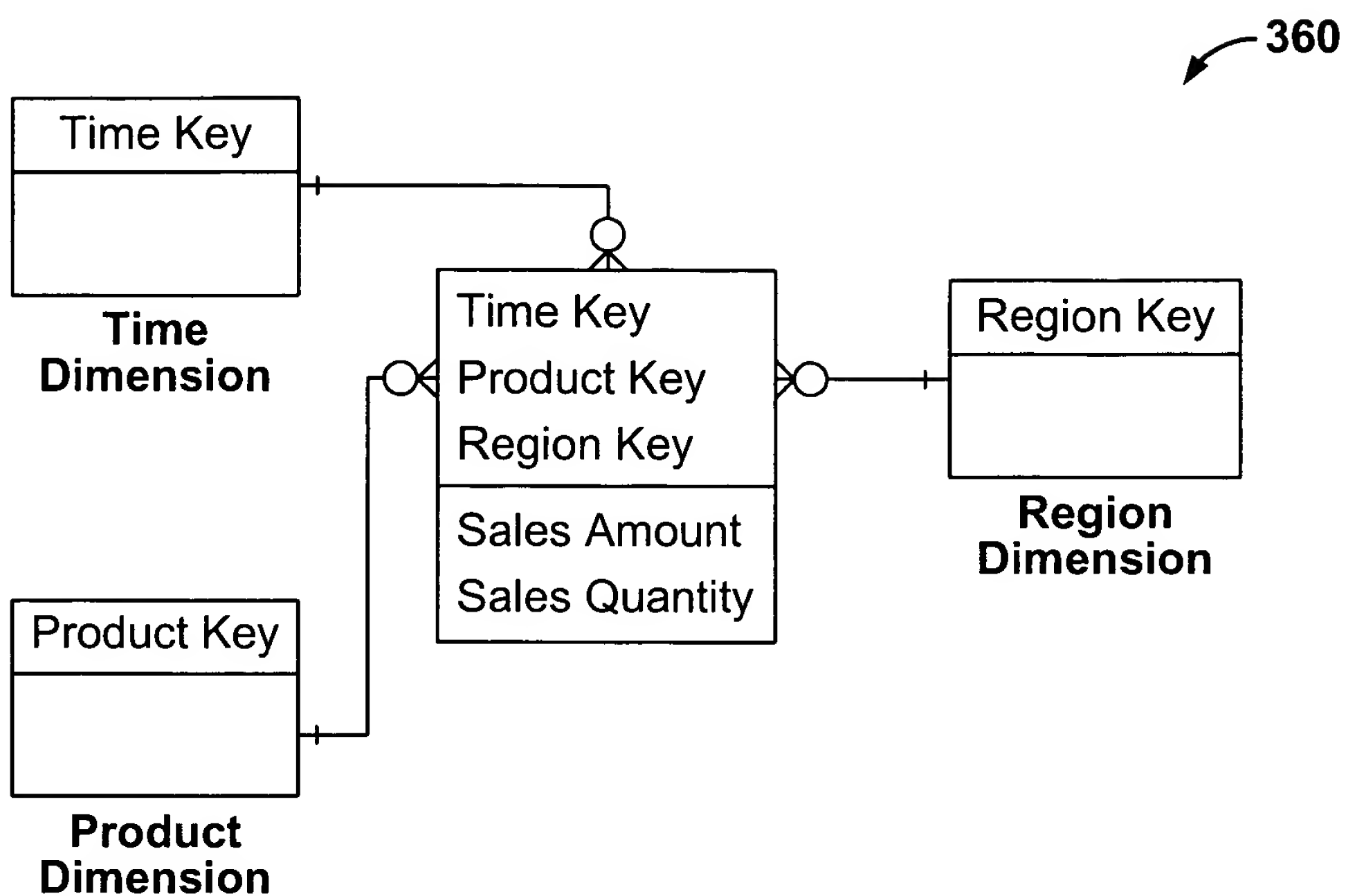


FIG. 3C

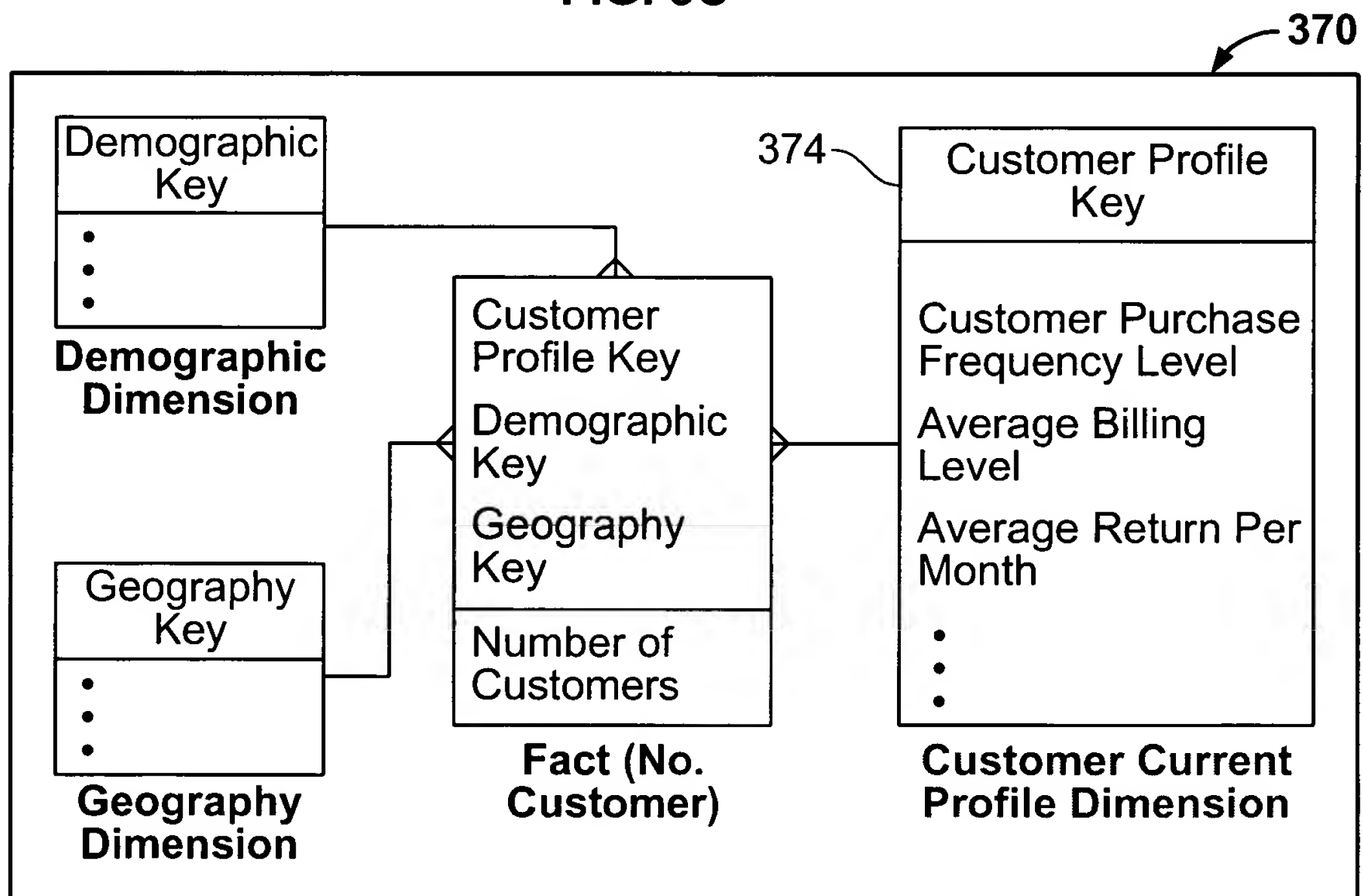
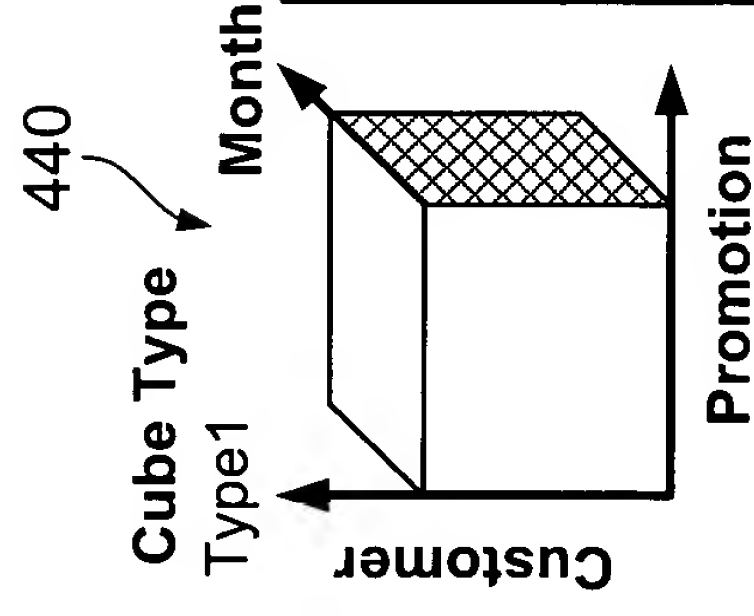


FIG. 3D

Cube Report Examples

Ex1 : Description

<p>Dimensions:</p> <ul style="list-style-type: none"> • Customer • Time • Promotion 	<p>Elements:</p> <ul style="list-style-type: none"> • Customer Name • Month • Promotion
<p>B-Measures:</p> <p>Avg. Spend Amount</p>	<p>Formula:</p> <p>$\text{sum}(\text{purch_amt}) / \text{count}(\text{trans})$</p>



Report Layout

Jan-99			
Name	ID	Avg. Spend Amt.	
		Promo 1	Promo 2
Miller			Promo 3
Jackson			
Gellman			
Clarion			
Blackman			
Sbiera			
Subtotal Top 100			
Subtotal Rest			

More Months

FIG. 4A

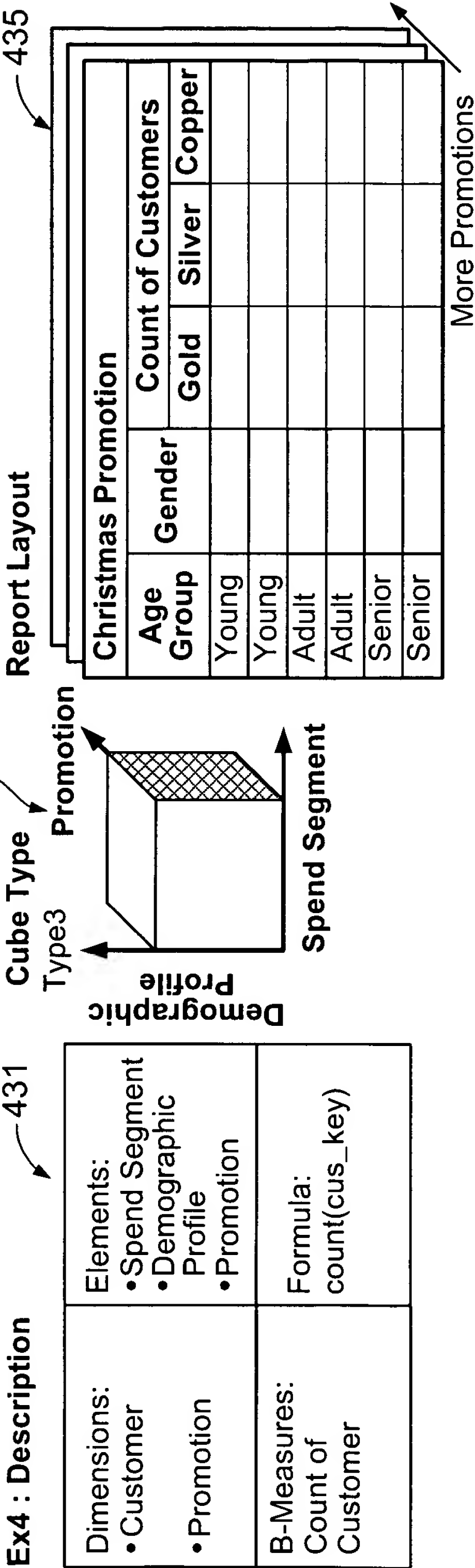


FIG. 4D

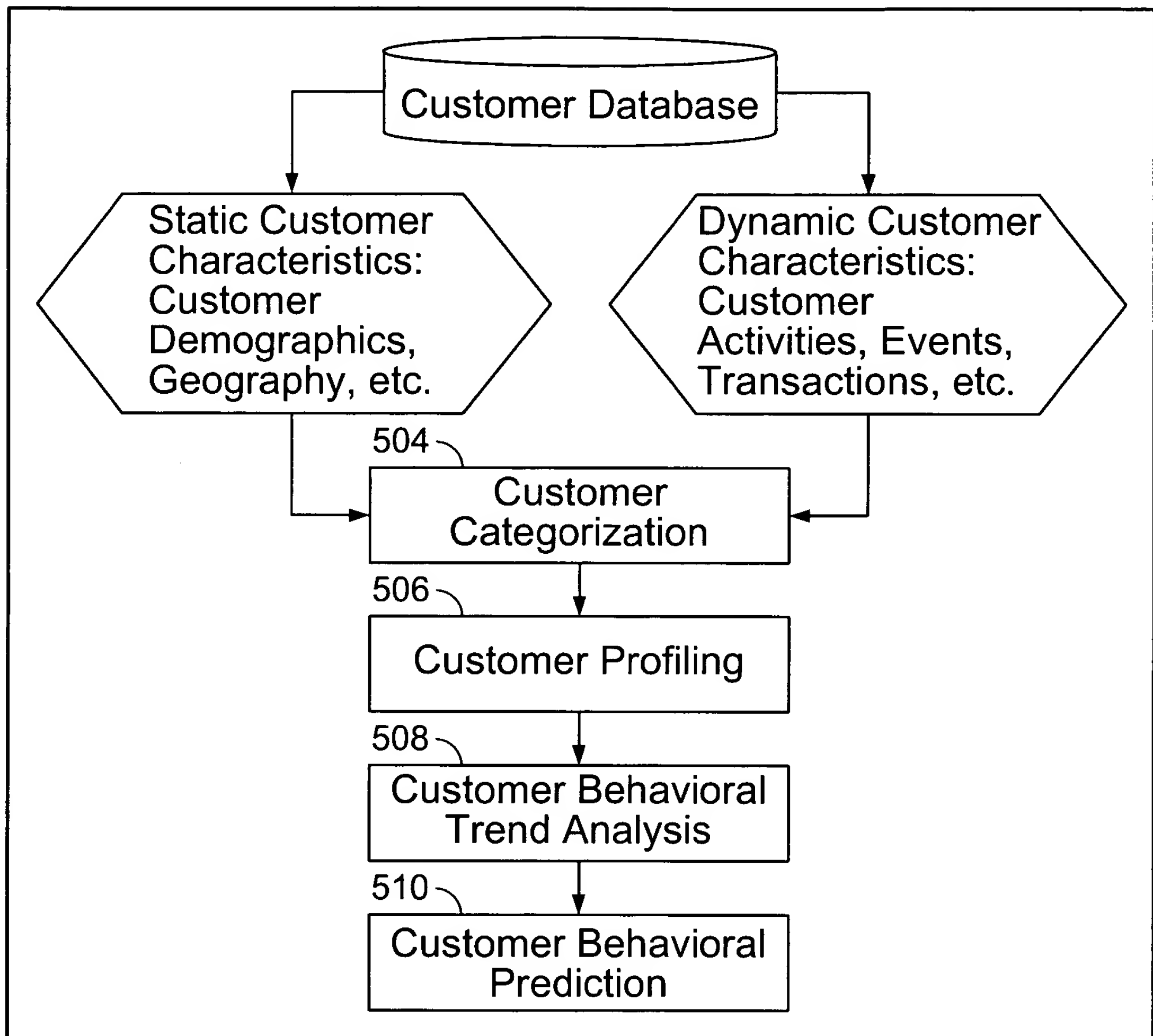


FIG. 5A

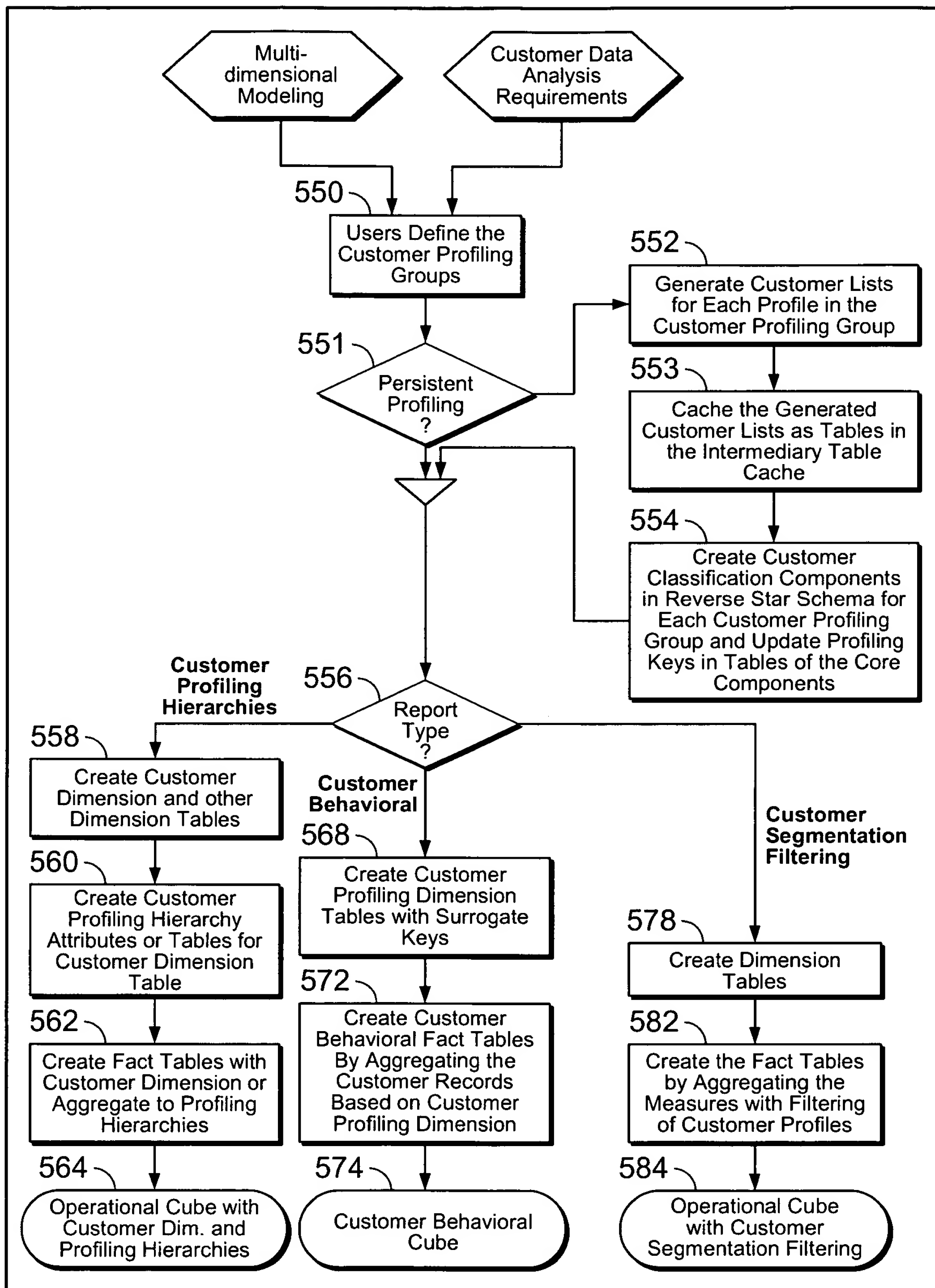


FIG. 5B

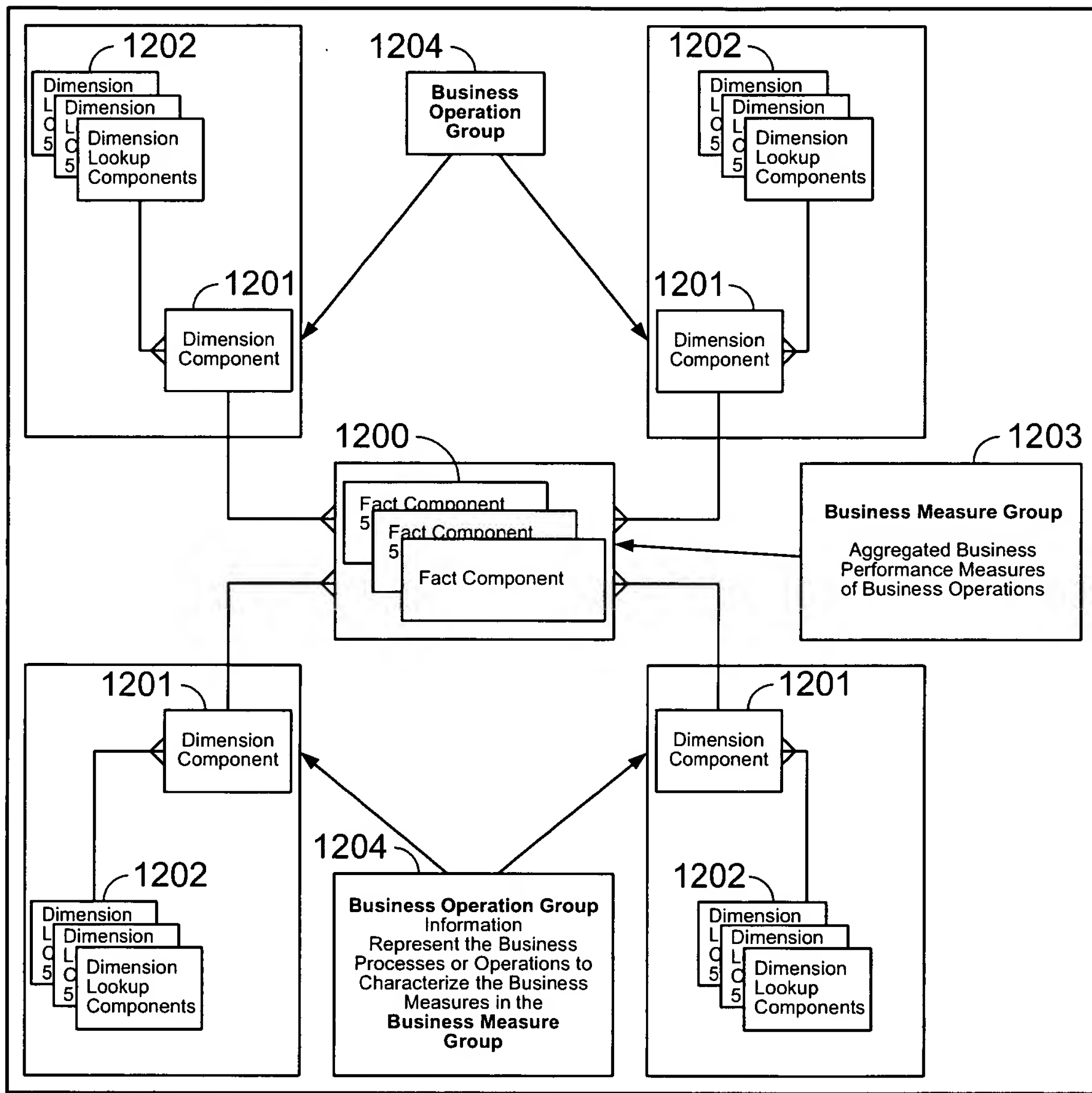


FIG. 6A

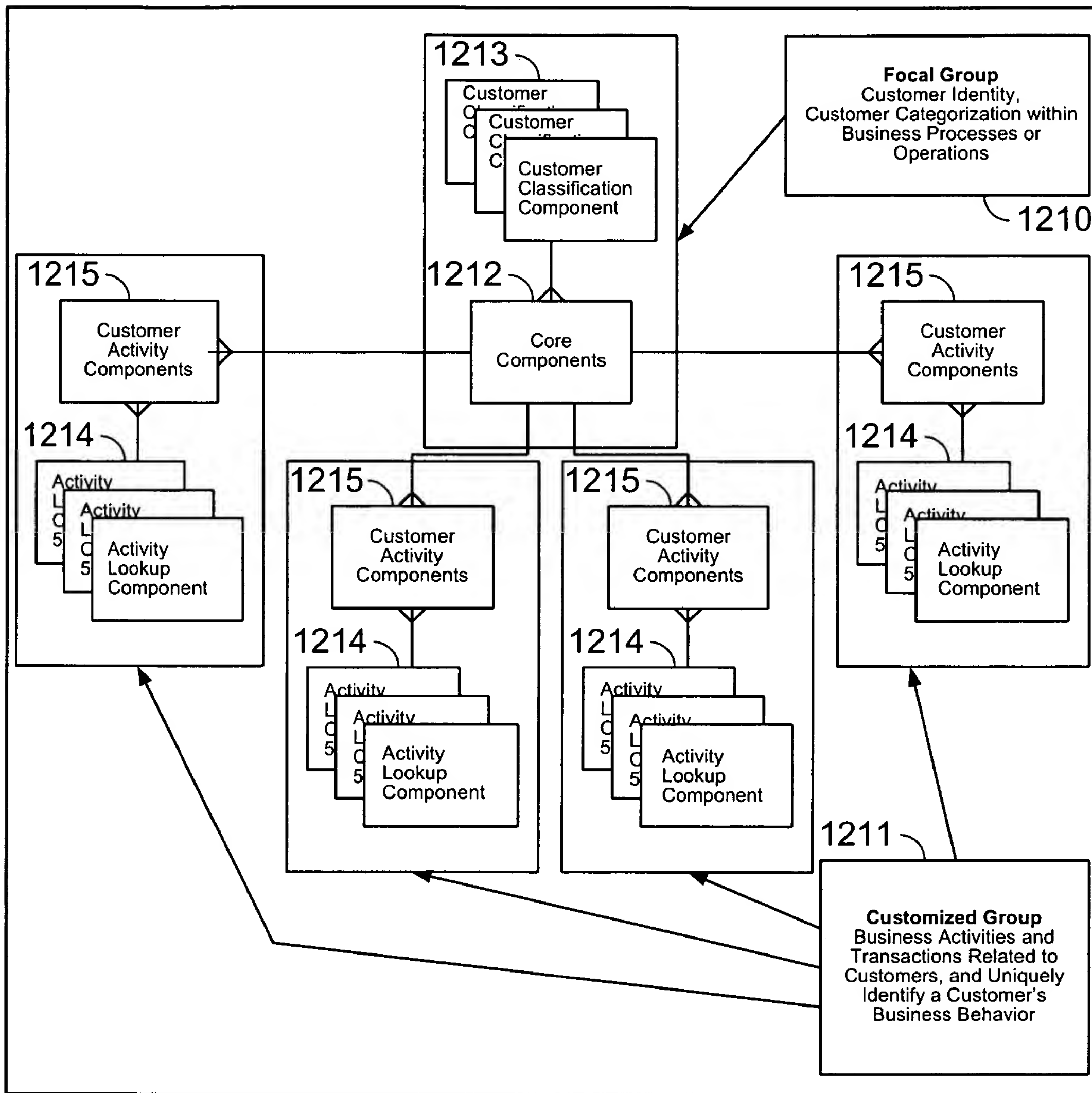


FIG. 6B

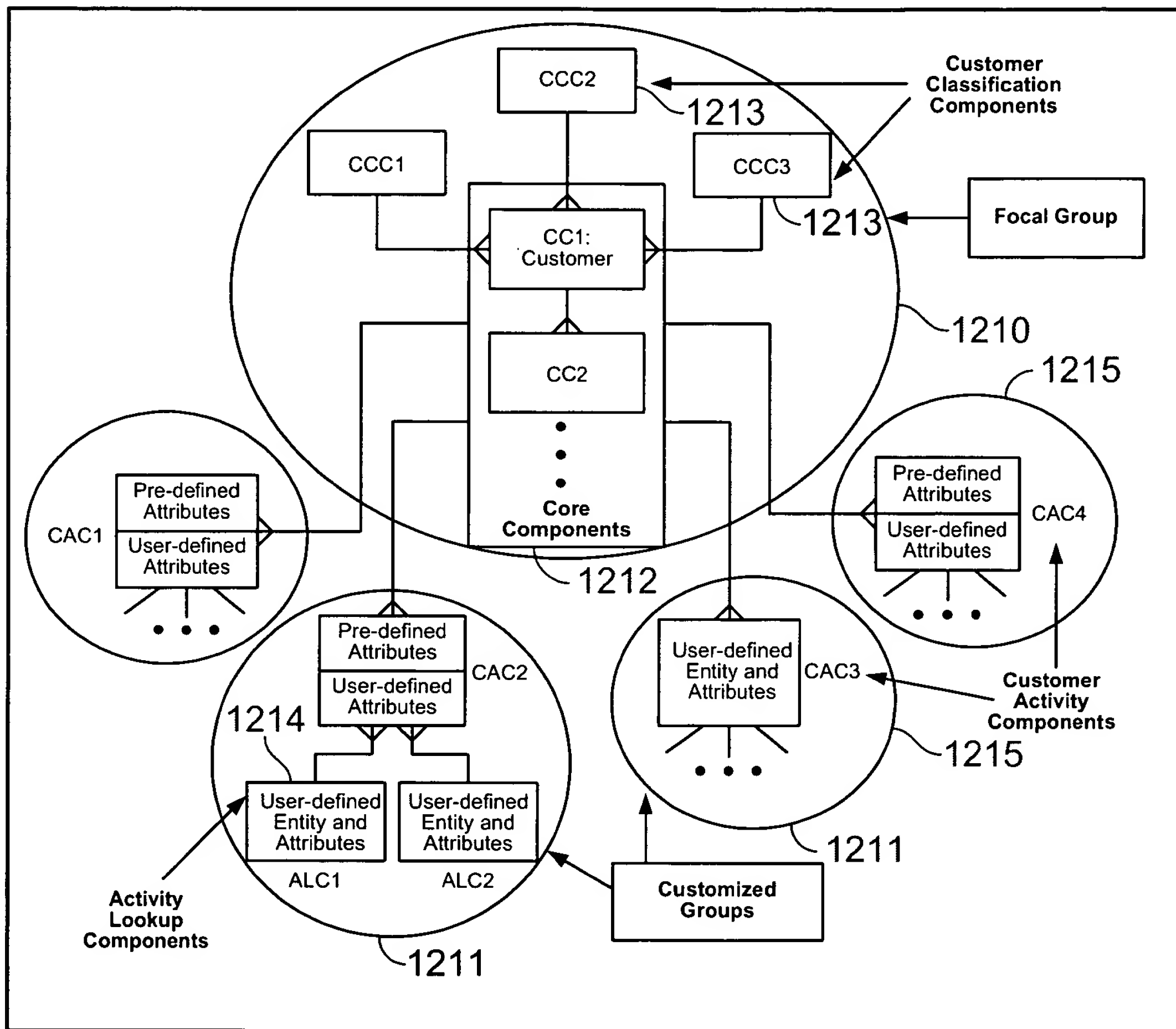


FIG. 6C

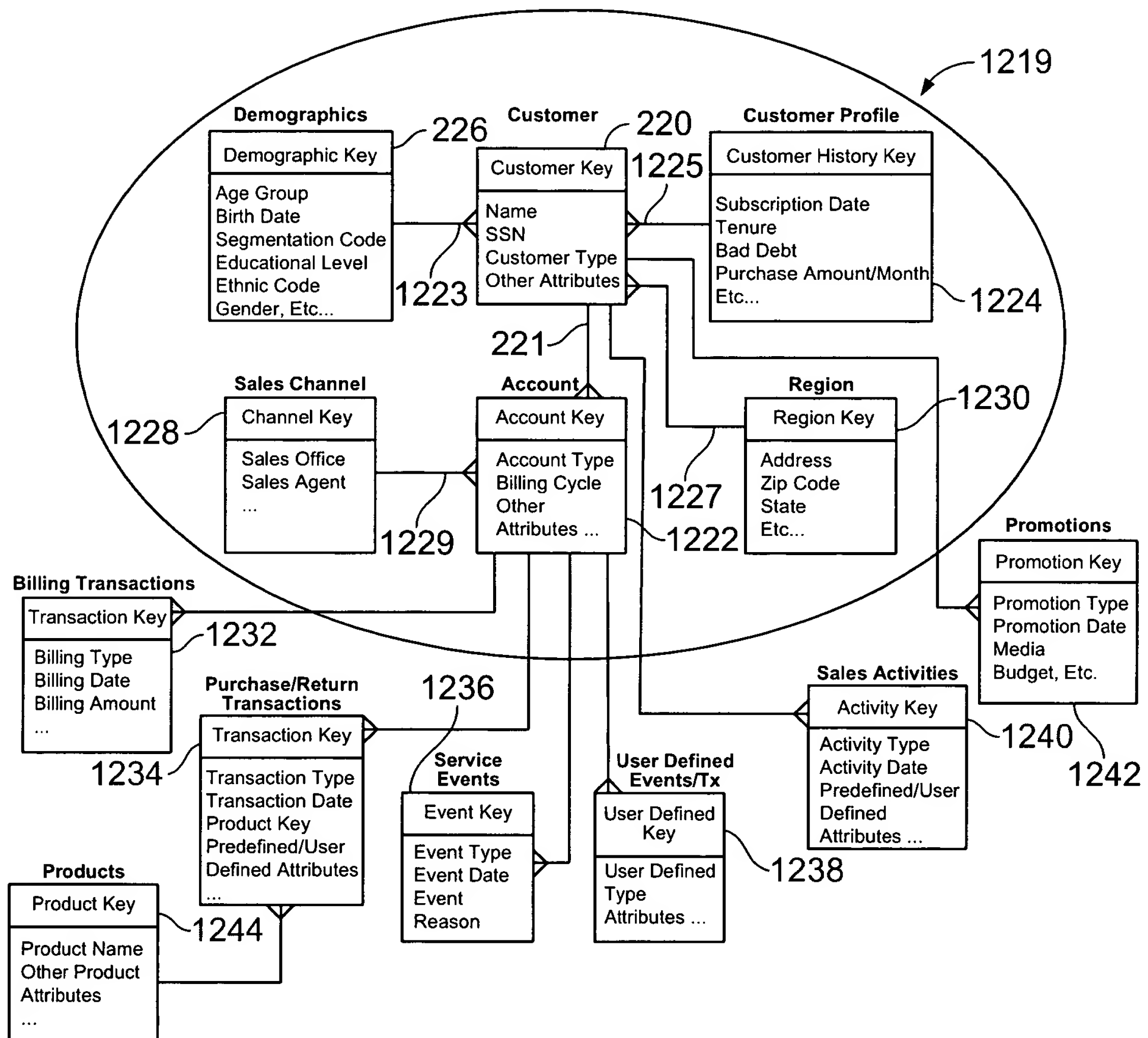


FIG. 6D